

Claims

1 1. A water skipping article, comprising:
2 a three-dimensional body having a substantially circular outer
3 perimeter, said body further including a side profile defined by upper and lower
4 elliptically extending faces which converge into said circular outer perimeter;
5 and
6 said body exhibiting a smooth and continuous exterior surface and
7 further defining a hollowed and interior cavity suspended within said body;
8 wherein, upon a user launching said article in a substantially horizontal
9 trajectory and with a specified rotational spin, said interior cavity causing
10 centrifugal forces to be applied to said outer perimeter of said article and said
11 elliptically extending faces increasing individual incidences of said article
12 contacting a water surface.

1 2. The water skipping article as described in claim 1, said body
2 having a specified width and thickness and being constructed from a material
3 selected from the group including of an environmentally inert and
4 biodegradable material.

1 3. The water skipping article as described in claim 1, said body
2 having a specified width to thickness ratio in a range of between 3:1 to 5:1.

1 4. The water skipping article as described in claim 1, said body
2 including substantially elliptical and interiorly extending surfaces defining said
3 interior cavity.

1 5. The water skipping article as described in claim 4, said elliptical
2 interior cavity further having a specified width to thickness ratio of at least 2:1.

1 6. The water skipping article as described in claim 5, said elliptical
2 interior cavity further defining a specified width to thickness ratio of between
3 2:1 to 3:1.

1 7. The water skipping article as described in claim 3, said body
2 having a width in the range of between 2.0" to 4.0" and a thickness in a range
3 of .500" to 1.00".

1 8. The water skipping article as described in claim 7, said body
2 including substantially elliptical and interiorly extending surfaces defining said
3 interior cavity, said elliptical interior cavity defining a width in the range of 1"
4 to 1.5" and a thickness in the range of .4" to .6".

1 9. A water skipping article for use by a user in launching the
2 article in a substantially horizontal trajectory and with a specified rotation spin,
3 said article comprising:

40117
A3

5 a three-dimensional body constructed of a material selected from the
6 group including biodegradable material and environmentally inert materials
7 and having an elliptically shaped smooth and continuous exterior surface with a
8 substantially circular and smooth edged outer perimeter, said body further
9 including a side profile defined by upper and lower elliptically extending faces
10 which converge into said circular outer perimeter; and
11 said body further defining a hollowed, substantially elliptical and
12 interior cavity suspended within said body, said interior cavity causing
13 centrifugal forces to be applied to said outer perimeter of said article, upon
14 launching by said user and increasing individual incidences of said article
contacting a water surface in a skipping fashion.

A121
A